

APPENDIX F. ESTIMATED CONSTRUCTION COSTS

North Carolina Department of Transportation
Preliminary Estimate

[Page]

TIP No. **Continuous Flow At Grade Intersection** **#5A**

County: **N / A**

Route

From

Typical Section

Assume New Location

CONSTR.COST

\$8,800,000

Priced By: Doug Lane

08/03/07

Requested By: Bill Yopp

08/01/07

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
			Clearing and Grubbing	8.0	Acre	\$ 30,000.00	\$ 240,000.00
			Unclassified Excavation	20,000	CY	\$ 9.00	\$ 180,000.00
			Borrow Excavation	20,000	CY	\$ 10.00	\$ 200,000.00
			Reinforced Bridge Approach Fills	-	Each	\$ 25,000.00	\$ -
			Pavement Removal	5,500	SY	\$ 3.00	\$ 16,500.00
			Drainage	0.75	Miles	\$ 300,000.00	\$ 225,000.00
			Fine Grading	47,950	SY	\$ 2.00	\$ 95,900.00
			Subgrade Stabilization	40,500	SY	\$ 6.00	\$ 243,000.00
			Paving				
			ML, Y-Line, and Ramps	40,500	SY	\$ 40.00	\$ 1,620,000.00
			Concrete Median Barrier		LF	\$ 150.00	\$ -
			Guardrail				
			New Guardrail	1,000	LF	\$ 15.00	\$ 15,000.00
			Guardrail Anchors	8	Each	\$ 1,500.00	\$ 12,000.00
			Fencing (Chain Link)	7,360	LF	\$ 8.00	\$ 58,880.00
			Erosion Control	6.0	Acres	\$ 12,000.00	\$ 72,000.00
			Signing At Grade Intersection	1	LS	\$ 500,000.00	\$ 500,000.00
			Traffic Signal (New)	12	Each	\$ 100,000.00	\$ 1,200,000.00
			Traffic Signal (Temporary)		Each	\$ 60,000.00	\$ -
			Traffic Control New Location	1.0	LS	\$ 100,000.00	\$ 100,000.00
			Thermo and Markers	0.75	Miles	\$ 50,000.00	\$ 37,500.00
			Lighting				
			At Grade Intersection Lighting	0.75	Miles	\$ 200,000.00	\$ 150,000.00
			Misc. & Mob (15% Strs,Walls,Light)	1	LS		\$ 22,220.00
			Misc. & Mob (55% Roadway)	1	LS		\$ 2,649,000.00

Lgth

Contract Cost \$ 7,637,000.00
E. & C. 15% \$ 1,163,000.00
Construction Cost \$ 8,800,000.00

Note: Right-of-Way, R/W Utilities, and Utility Construction are not included in cost shown above.

Continuous Flow Cost Estimate